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PTO/SB/08A (10-01)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|------------------------|---------------|
| Application No.        | 09/888,212    |
| Filing Date            | June 22, 2001 |
| First Named Inventor   | Kwok Hung Si  |
| Art Unit               | 2182          |
| Examiner Name          | Not Yet Known |
| Attorney Docket Number | 20880-05629   |

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### U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document No.    | Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|-----------------|---|
| 1                  | A                     | US-6,567,839 B1 | 05-20-2003      | Borkenhagen, et al.                             |
| 2                  | B                     | US-6,378,018 B1 | 04-23-2002      | Tsem, et al.                                    |
| 3                  | C                     | US-6,317,774 B1 | 11-13-2001      | Jones, et al.                                   |
| 4                  | D                     | US-6,026,503    | 02-15-2000      | Gutgold, et al.                                 |
| 5                  | E                     | US-5,392,435    | 02-21-1995      | Masui, et al.                                   |
| 6                  | F                     | US-5,247,636    | 09-21-1993      | Minnick, et al.                                 |
| 7                  | G                     | US-5,163,146    | 11-10-1992      | Antanaitis, Jr., et al.                         |
|                    |                       | US-             |                 |   |
|                    |                       | US-             |                 |   |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T <sup>6</sup> |
|--------------------|-----------------------|-------------------------|-----------------------------|---|----------------|
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### OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

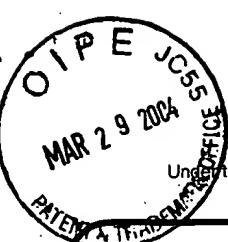
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|--------------------|-----------------------|--|----------------|
| 1                  | H                     | SCHWAN, KARSTEN and ZHOU, HONGYI; Dynamic Scheduling Of Hard Real-Time Tasks And Real-Time Threads; IEEE Transaction On Software Engineering; Vol. 18, No. 8; August 1992; pp. 736-748.  |                |
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|--------------------|-----------------------|-----------------|--------------------|--|
| I                  | I                     | US-6,385,713 B2 | 05-07-2002         | Yung   |
| J                  | J                     | US-6,366,998 B1 | 04-02-2002         | Mohamed  |
| K                  | K                     | US-6,009,505    | 12-28-1999         | Thayer, et al.                                     |
| L                  | L                     | US-5,933,650    | 08-03-1999         | van Hook, et al.                                   |
| M                  | M                     | US-5,761,470    | 06-02-1998         | Yoshida  |
| N                  | N                     | US-5,430,884    | 07-04-1995         | Beard, et al.                                      |

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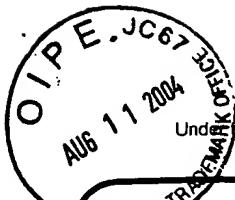
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| A                            |                       | US-6,728,722 | 04-27-2004         | Shaylor  |
| 1                            |                       | US-6,542,991 | 04-01-2003         | Joy et al.   |
| A                            |                       | US-4,777,587 | 10-11-1988         | Case et al.  |
|                              |                       | US-          |                    |  |

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| 4   |                       | Intel Corporation, Pentium Processor Family Developer's Manual, Volume 3: Architecture and Programming Manual, 1995, pages 25-1 and 25-30.   |  | T <sup>6</sup> |
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